



Memo

date: January 16, 2004

to: J. deBoer, F. Kobasiuk, D. Phillips

from: A. Piper

subject: Tier I Safety Inspection Report

A Tier I Safety Inspection of buildings 956, 957, 958 and 974 was conducted on January 7, 2004 by D. Bastedo, D. Lowenstein, D. Passarello, A. Piper, J. Scott and F. Zafonte. These buildings require quarterly Tier 1 Safety Inspections.

Twenty-One findings and/or maintenance items were noted during this inspection. The committee performed checks for possible overheating of electrical panels in accordance with OPM 2.10 and found no deficiencies during this inspection. The committee performed random checks within the subject areas for possible unregistered sealed sources and found none during this tour.

Routine priority violations require a sixty-day response from the date of issue. Closure requirements are indicated by the due date assigned to the individual action items.

cc: R. Karol	D. Ryan
P. Kelley	J. Sandberg
E. Lessard	J. Scott
D. Lowenstein	J. Tuozzolo
D. Passarello	M. VanEssendelft
P. Pile	

Number	Title	Family Name	Key Word	Owner	Description	Due Date
2067.1.1	Building 957	C-A-ESH	General clean up.	Phillips, David	This building requires a general clean up inclusive of the following noted items: The wood A-frame ladder on the upper loft must be discarded and replaced with a fiberglass ladder (if required); the wooden pallet on the upper loft must be discarded; materials/equipment must not be stored in front of electrical panels/breakers; storage of any kind is not permitted on top of cabinets.	3/7/2004
2067.1.2	Building 956/957/958/974	C-A-ESH	Electrical requirements.	Nehring, Thomas	Throughout these buildings, there are circuit breaker panels and electrical disconnects which do not have all of the required information (labeling) posted. Update all legends and associated labeling in this building. Include a review of labeling for accuracy of the kirk key systems in this building and the disconnects powering the air handlers on the east side (outside) of this building.	3/7/2004
2067.1.3	Building 957	C-A-ESH	Electrical compliance.	Nehring, Thomas	Along the west wall, on the lower level, adjacent to the roll-up door in this building, the cable extending from the top of circuit breaker panel 957RP1-P does not have an outer jacket in place. Investigate to determine if this meets NEC/OSHA codes. Advise.	3/7/2004
2067.1.4	Building 957	C-A-ESH	hazard identification labels.	Phillips, David	The yellow/tan electrical equipment cabinets located on the lower level of this building have inconsistent hazard identification labeling in place. Review these cabinets and modify labeling to achieve consistency in labeling as appropriate.	3/7/2004
2067.1.5	Building 957	C-A-ESH	Grounding concerns.	Nehring, Thomas	Along the east wall of the pump room in this building, on the lower level, there is an open-ended building ground. Investigate the status/requirement of this building ground and advise.	3/7/2004

2067.1.6	Building 957	C-A-ESH	Electrical concerns.	Nehring, Thomas	At ceiling height, on the upper level of this building, there is an electrical junction box with the cover removed. Install cover on this electrical junction box.	3/7/2004
2067.1.7	Building 957	C-A-ESH	Lockout concerns.	DeBoer, John	The electrical disconnect on the cooling tower for this building is presently locked off with a tie-wrap. This is not an acceptable means of locking this cooling tower out. Investigate the intent of this condition and advise.	3/7/2004
2067.1.8	Building 958	C-A-ESH	Compressed gas cylinder storage	Phillips, David	The compressed gas cylinder rack located along the west side of this building is partially covered with a weather cap. Install weather cap for remaining cylinders. Additionally, determine if the cylinders located in this rack are compatible to store in close proximity of one another and advise.	3/7/2004
2067.1.9	Building 958	C-A-ESH	Electrical concerns.	Phillips, David	In the hallway adjacent to the "A" Labs, the covers on the two electrical controllers are loose. Resecure the covers on these controllers/switches.	3/7/2004
2067.1.10	Building 958	C-A-ESH	General housekeeping.	Phillips, David	Throughout this building, the ceiling light fixtures require cleaning.	3/7/2004
2067.1.11	Building 958	C-A-ESH	General housekeeping.	Phillips, David	In the mechanical equipment room, there are janitorial materials stored in the proximity of the hot water heater. Post this area indicating not to store materials at this location and order a storage cabinet for janitorial supplies (if required).	3/7/2004
2067.1.12	Building 958	C-A-ESH	Posting requirements.	Cirnigliaro, Peter	The material handling postings in labs C1/C2/C3 are in poor condition and are not consistently posted in all the labs. Update these postings as required.	3/7/2004
2067.1.13	Building 958	C-A-ESH	Chemical labeling.	Phillips, David	In Lab C3, there is squeeze bottle of alcohol located in the cabinet which is not labeled as required (NFPA diamond). Label this squeeze bottle as	3/7/2004

					required.	
2067.1.14	Building 958	C-A-ESH	Emergency shower concerns.	Phillips, David	The emergency shower located in the hallway near Labs C1/C2/C3 appears located too close to the wall to be effective in an emergency. Additionally, the [thermostat?] located beneath it is in the direct path of this emergency shower. Relocate shower away from the wall and install plastic cover box over the thermostat or relocate it.	3/7/2004
2067.1.15	Building 958	C-A-ESH	Access system configuration.	Phillips, David	The controlled mode indicator light on the access status panel in the NSRL labyrinth is incorrect in color (should be amber). Replace existing bulb/assembly to correct color configuration.	3/7/2004
2067.1.16	Buildings 956/957/958	C-A-ESH	fire extinguisher locator sign	Phillips, David	Several of the fire extinguishers located in these buildings do not have the required locator signs in place. Affix locator signs as required for these fire extinguishers.	3/7/2004
2067.1.17	Building 956	C-A-ESH	Laser safety	Phillips, David	The locking door on the laser alignment power controller in the target cave was left in the unlocked position. Advise as to purpose of this locking door and required controls associated with it.	3/7/2004
2067.1.18	Building 956	C-A-ESH	Door alignment	Phillips, David	The exit man door from the building 956 tunnel to the west parking lot does not close/open properly and requires alignment. Repair this door.	3/7/2004
2067.1.19	Building 974	C-A-ESH	fire extinguisher requirement	Piper, Arthur	Fire extinguisher locator signs are not in place in this building. Affix fire extinguisher locator signs as required.	3/7/2004
2067.1.20	Building 974	C-A-ESH	General clean up	Kobasiuk, Frederick	In the future ion exchange resin work room on the east side of this building, an assortment of paints have been left by the contractors. Remove all paints from this building.	3/7/2004
2067.1.21	Building 974	C-A-ESH	Electrical safety	Nehring, Thomas	In the electrical service room on the north-east corner of this building, the raceway adjacent	3/7/2004

					to the entrance door does not have a bushing in place to protect the wires entering this raceway. Install electrical bushing in this raceway.	
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